

## **Mr. Anand Chandrakant Shende**

Assistant Professor,

Department of Petrochemical Technology,

Laxminarayan Institute of Technology,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

**Cell Phone:** 9403604023

**Personal Email:** shendeanand@gmail.com



### **Academic Qualifications:**

M.Tech. (Petrochemical Technology),

Laxminarayan Institute of Technology,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur: 2007

B.Tech. (Chemical Engineering),

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon: 2004

### **Research Interests:**

Petroleum refining & process optimization.

### **Positions Held in Past: (Professional (Teaching) Experience)**

- **06<sup>th</sup> Aug 2013– Till date:** Assistant Professor, Department of Petrochemical Technology, Laxminarayan Institute of Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
- **24<sup>th</sup> Nov 2011 to 05<sup>th</sup> Aug 2013:** Lecturer, Department of Chemical Engineering, Government Polytechnic, Yawatmal.
- **05<sup>th</sup> Jan 2011 to 23<sup>rd</sup> Nov 2011:** Lecturer, Department of Plastics Engineering, Government Polytechnic, Nashik.

### **Research / Industry Experience:**

- Worked as a Project Assistant (Level-II) at Indian Institute of Petroleum, Dehradun.
- Worked as a Design Engineer at JACOBS Engineering India Pvt. Ltd., Navi Mumbai.

### **Membership of Professional Societies:**

- **Life Member** – Indian Institute of Chemical Engineers (LM-50723).

### **Conference / Seminar / STTP/ Workshops Attended: -**

1. Participated in Two-week ISTE workshop on “Fluid Mechanics” conducted by IIT Kharagpur at Visvesvaraya National Institute of Technology, Nagpur during 20th May 2014 to 30th May 2014.
2. Participated in International Conference on Advances in Chemical Engineering (ICACE 2015) organised by Department of Chemical Engineering, NIT Surathkal, Karnataka during 20th – 22nd Dec. 2015.
3. Participated in UGC Sponsored Orientation Programme UGC, at Human Resource Development Centre, RTM Nagpur University, Nagpur during 22nd June 2016 to 19th July 2016.
4. Participated in TEQIP-III sponsored One Week Short Term Training Programme on “Optimization in Engineering-2018” at Visvesvaraya National Institute of Technology, Nagpur during 14th May 2018 to 18th May 2018.
5. Completed NPTEL Online Certification Course in “Natural Gas Engineering” conducted by IIT Guwahati during Aug-Oct 2018.
6. Completed NPTEL Online Certification Course in “Optimization in Chemical Engineering” conducted by IIT Kharagpur during Jul-Oct 2018.
7. Completed NPTEL Online Certification Course in “Evolutionary Computation for Single & Multi-objective Optimization” conducted by IIT Guwahati during Jan – Mar 2021.
8. Completed NPTEL Online Certification Course in “Computer Aided Applied Single Objective Optimization” conducted by IIT Guwahati during Jan – Apr 2022.
9. Participated in International Conference on Chemical Engineering Innovation & Sustainability (ICEIS 2023) organised by Department of Chemical Engineering, Jadavpur University, Kolkata during 25th – 27th Feb 2023.
10. Completed NPTEL Online Certification Course in “Introduction to Professional Scientific Communication” conducted by IIT Kanpur during Jan – Feb 2023.

### **Research Papers**

Belkhode , P. N., Ganvir, V. N., Shelare, S. D., & **Shende, A.** (2022). Experimental investigation on treated transformer oil (TTO) and its diesel blends in the diesel engine. Energy Harvesting and systems.

Belkhode, P. N., Ganvir, V. N., **Shende, A. C.**, & Shelare, S. D. (2022). Utilization of waste transformer oil as a fuel in diesel engine. Materials Today : Proceedings, 262-268.

Dongare, S. B., **Shende, A. C.**, Ganvir, V. N., & Deshmukh, G. M. (2016). Shortcut Design for Multistage Binary Distillation via MS-Excel. International Journal of Engineering Research & Application, 06(10), 06-12.

Ganvir, V. N., **Shende, A. C.**, & Dube, V. (2016). Comparative study of trans esterification of pongamia pinnata in an oscillatory baffled reactor and conventional batch reactor. International Journal of Life Sciences, 29-32.

Ganvir, V. N., Syed Tanweer Ahmed, & **Shende, A.** (2014). Utilization of Industrial Waste "Toor Dall Chilka" (Cajanus Cajan L. Millspaugh Seed Husk) for Low Cost Activated Carbon Production. Waste Management & Resource Utilisation (pp. 659 - 663). Kolkata: Oxford Publishing House.

**M.Tech. Students Guided: 07 Competed**